## In the Claims

Claims 1 – 10 (Cancelled)

11.    (New) A process for secure distribution of digital audiovisual streams according to a standard, normalized or proprietary format comprising:

separating an original stream into two parts;

transmitting the parts to addressee equipment;

generating a modified main stream having a format of the original stream and complementary information with any format comprising digital information suitable to permit reconstruction of the original stream; and

transmitting the modified main stream from a distribution server via separate paths during distribution in an extended, secure multicasting mode to the addressee equipment from a secure central server passing via at least one router and at least one switch connecting the addressee equipment to the central server via at least one access point.

12.    (New) The process according to claim 11, wherein authentication between a client and the server is performed in unicast mode.

13.    (New) The process according to claim 12, further comprising generating a session key that is unique by content and by client by the central server following the authentication.

14.    (New) The process according to claim 13, wherein the complementary information is compressed and encrypted prior to being sent to a client.

15.    (New) The process according to claim 11, further comprising performing management of a multicasting group in a connection layer controlling distribution of data in multicasting solely for a selected access point.

16. (New) The process according to claim 11, wherein managing and securing of the complementary information is performed following a multi-reception of requests for authentication by a central server and comprises compression, encryption and management of session keys.

17. (New) The process according to claim 11, wherein regeneration of a new session key for the client is performed as a function of a decision of a client to prolong a connection based on the lifetime of a preceding session key and is individual for each member of a multicasting group.

18. (New) The process according to claim 11, wherein the complementary information is secured and personalized for each client and for each multicasting session with the aid of methods of hybrid or symmetric or asymmetric encryption.

19. (New) A system for the secure distribution of audiovisual streams comprising a device for separating an original video stream into a modified main stream and into complementary information, at least one multimedia server containing the audiovisual streams, at least one secure central server comprising a device for securing and personalizing the complementary information from which the complementary information is distributed, at least one telecommunication network, at least one router, at least one switch functioning as an access point for connection to addressee equipment and a device in the addressee equipment for reconstruction of the original audiovisual stream as a function of the modified main stream and the complementary information.

20. (New) The system according to claim 19, wherein control of throughput in a multicasting group is performed as a consequence of managing and personalizing of securing of the complementary information.